

External Prosthesis, Robotic Limb, or Orthothosis in Heel Strike to Toe-Off Walking Sequence

Figure 1

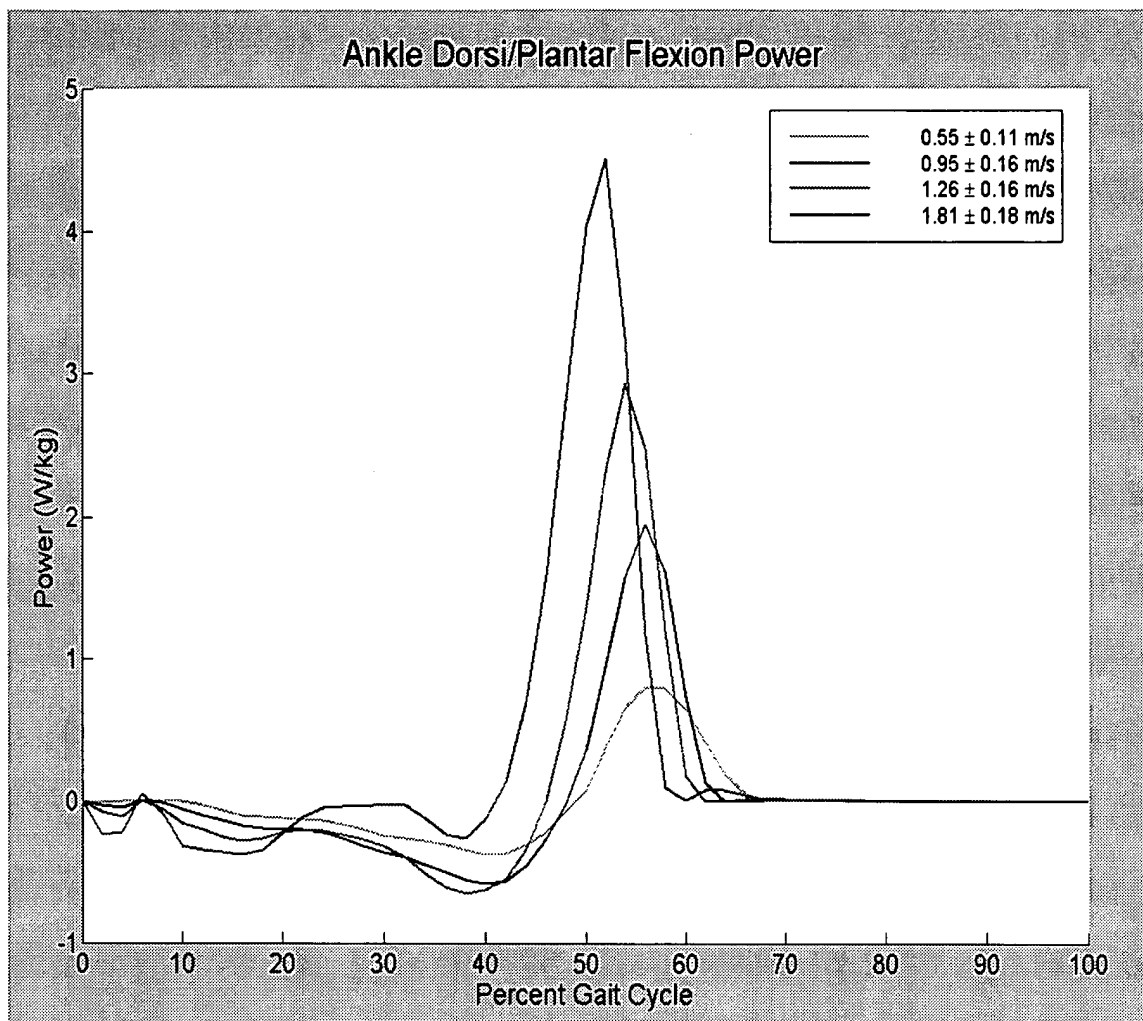
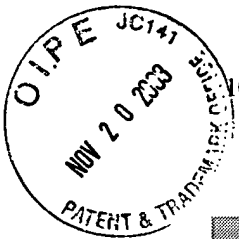


Figure 2

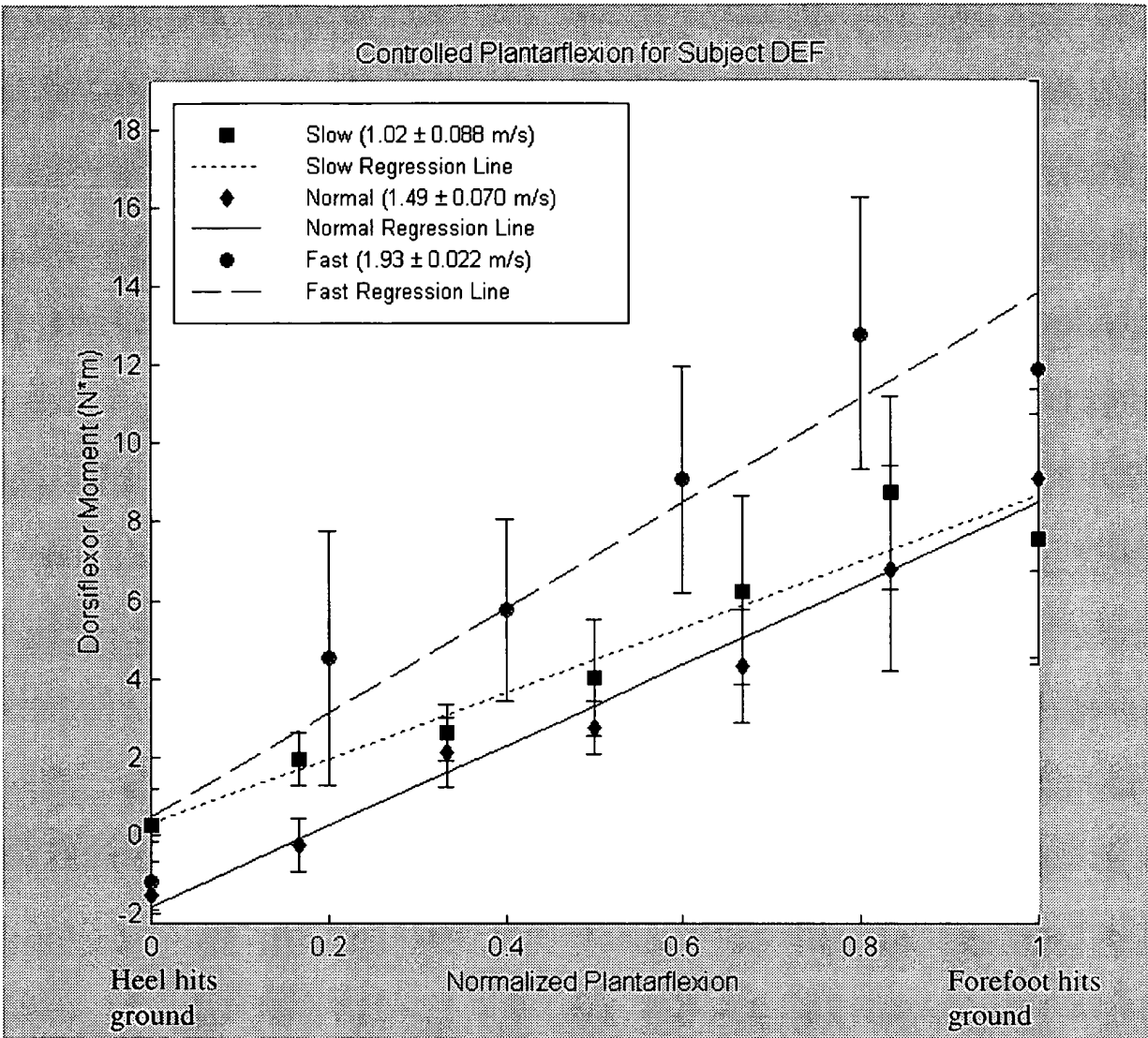
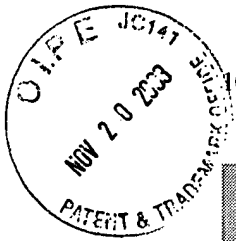
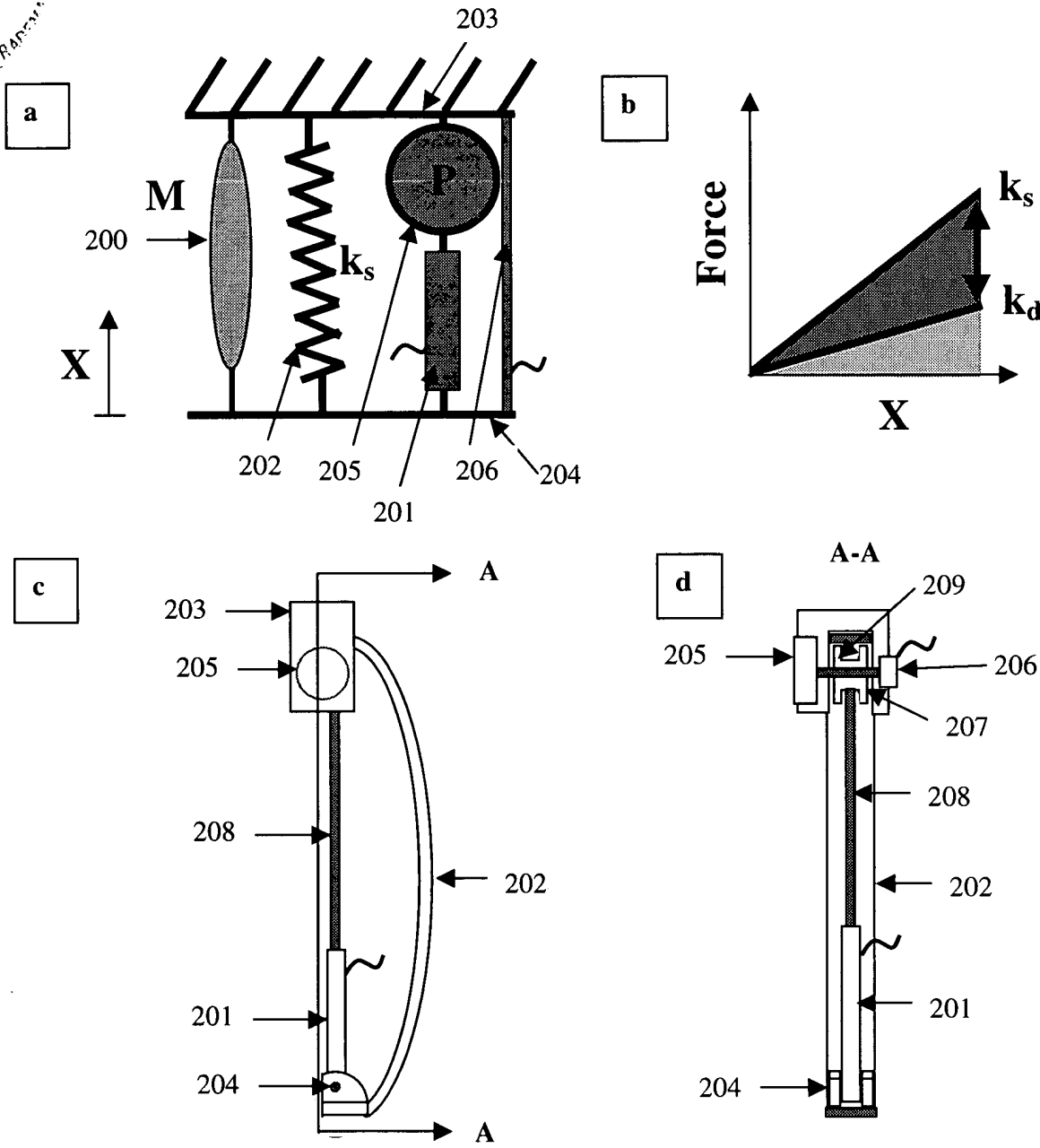
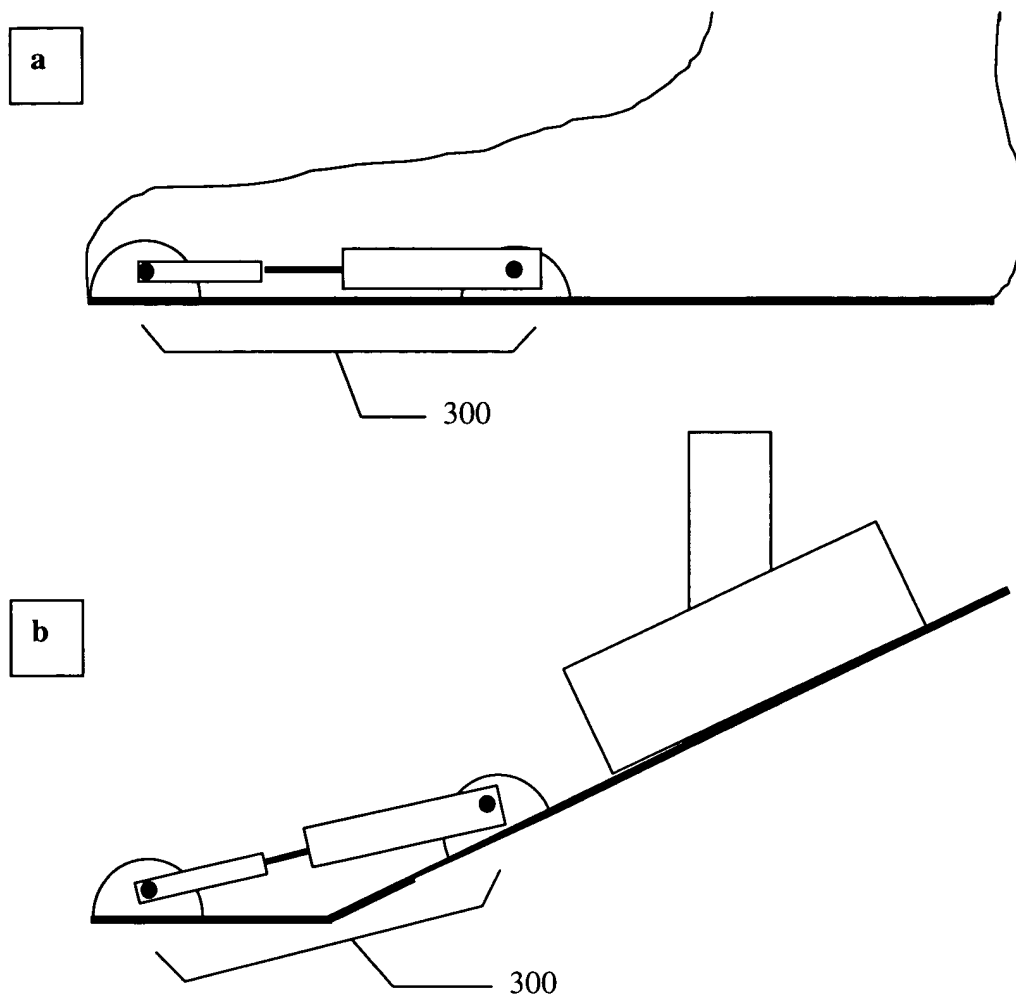
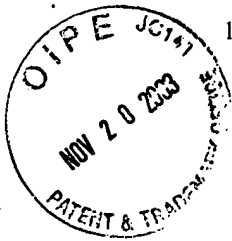


Figure 3



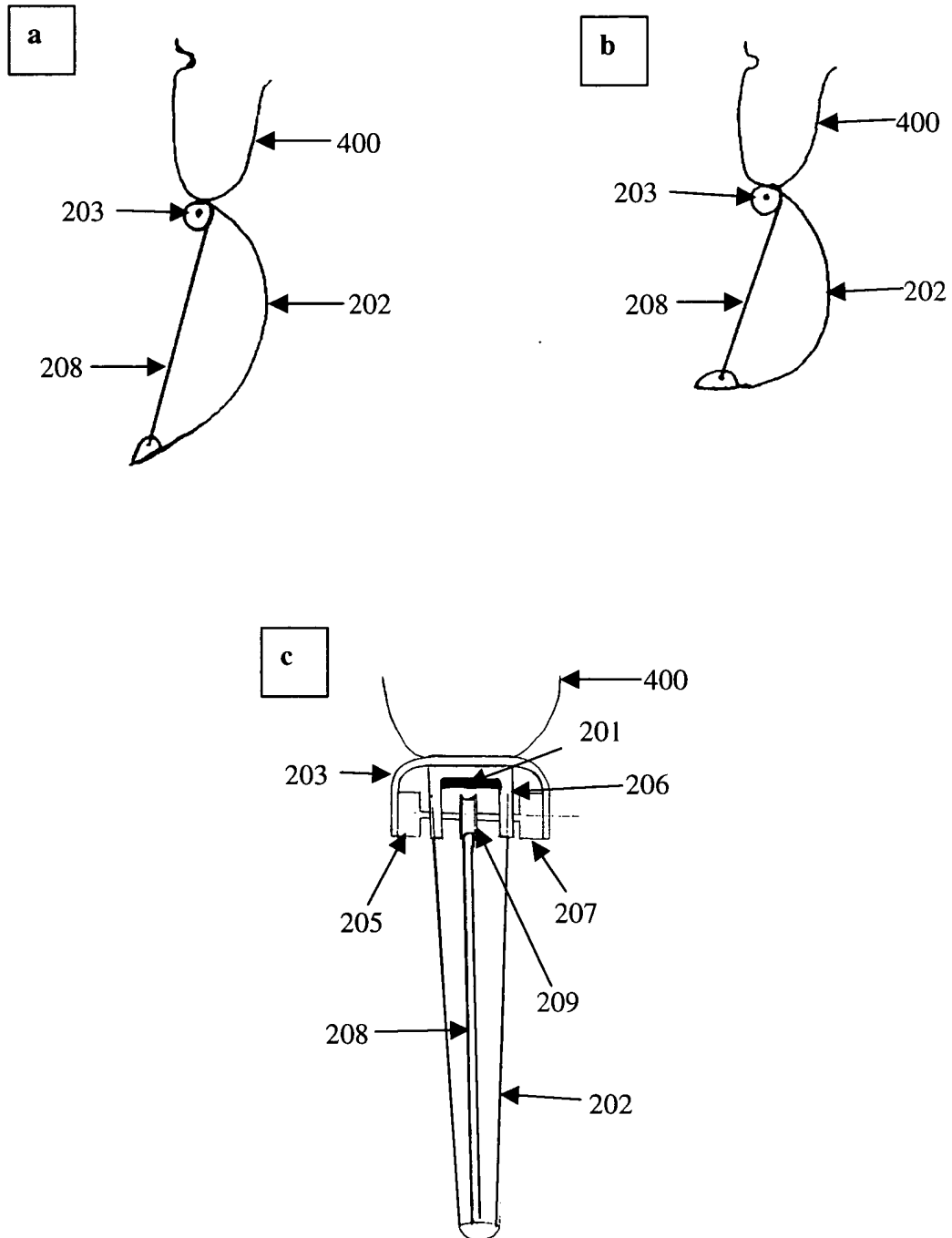
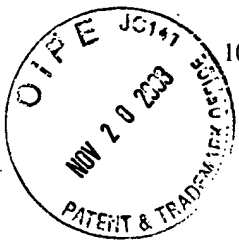
Prosthetic Mechanisms Designed to Power Plantar-flex

Figure 4



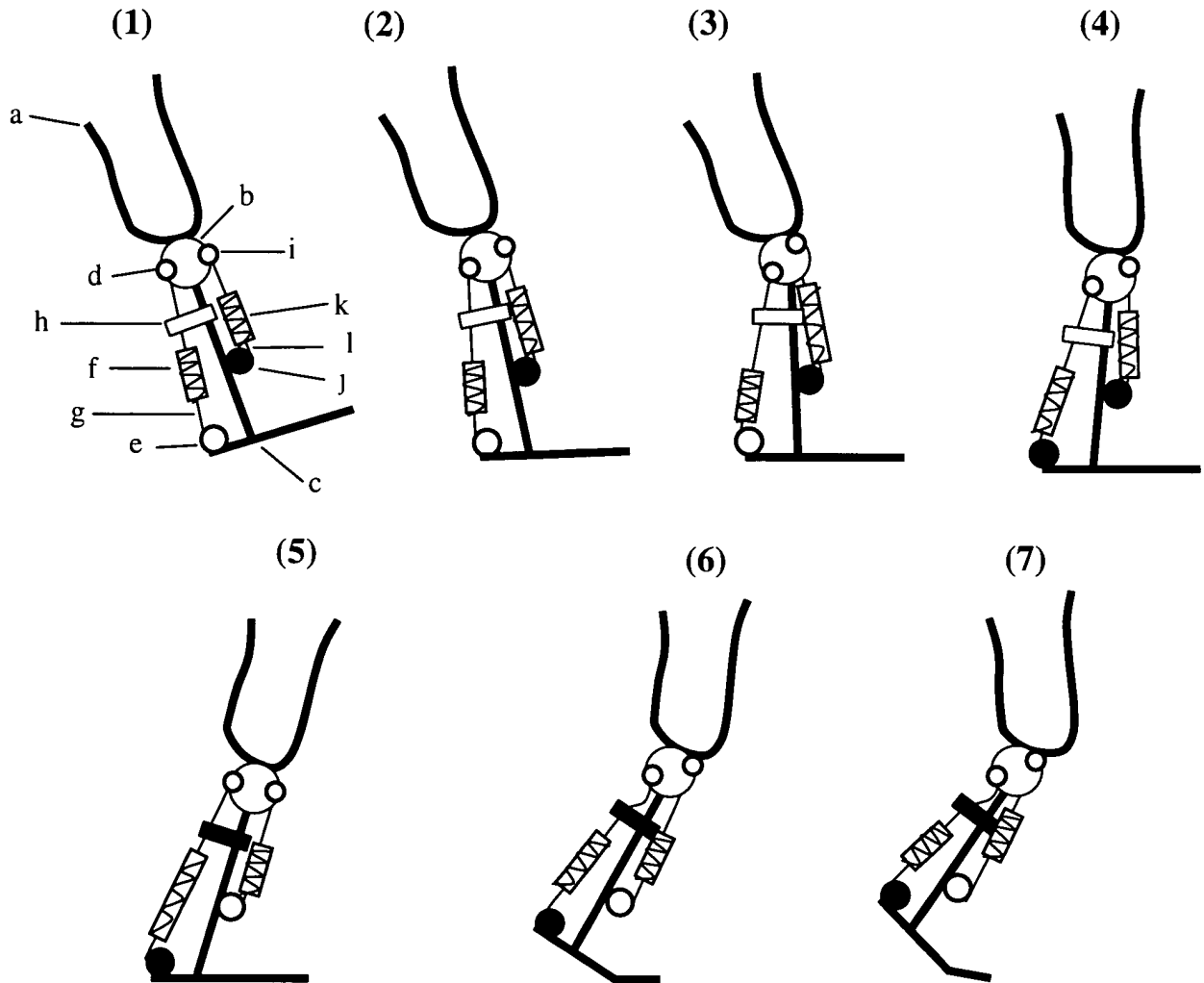
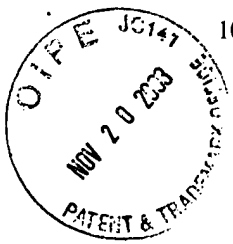
Catapult Leg Prosthesis for Walking, Running, and Jumping

Figure 5



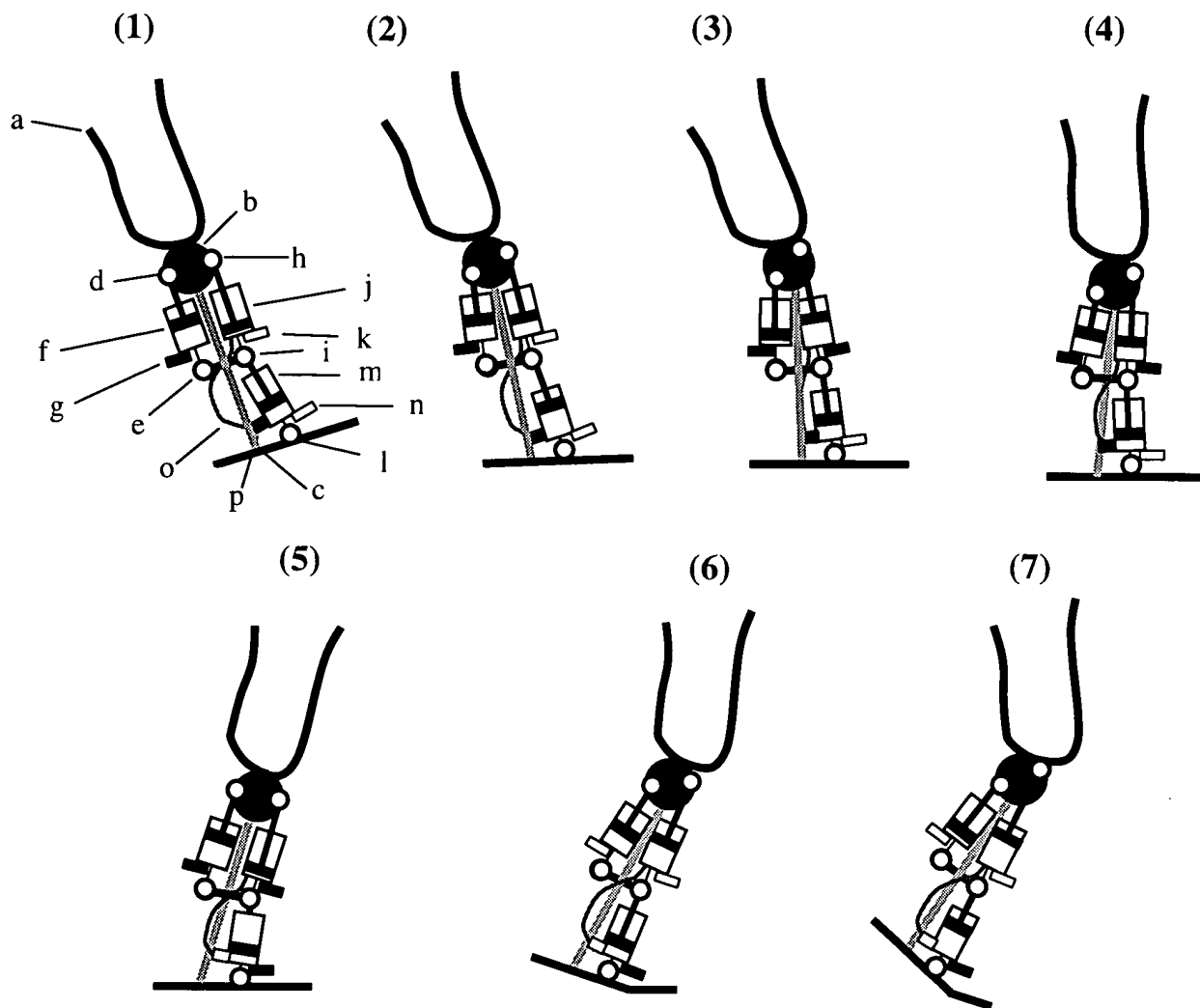
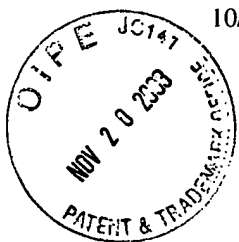
Catapult Leg Prosthesis for Walking, Running, and Jumping

Figure 6



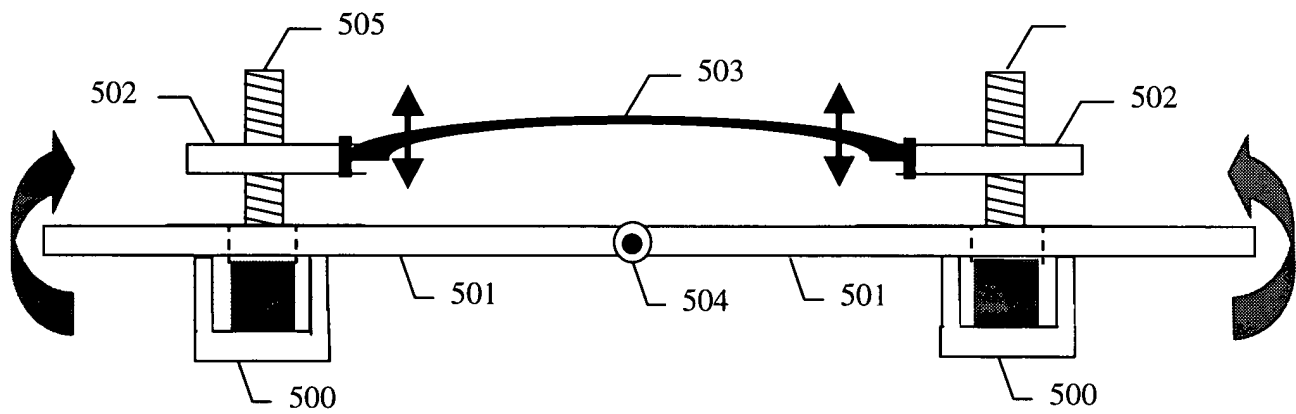
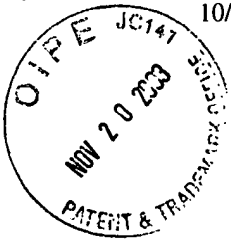
External, Bi-articular Transfemoral Prosthesis, Robotic Limb, or Orthotic Brace in Heel-Strike to Toe-Off Walking Sequence

Figure 7



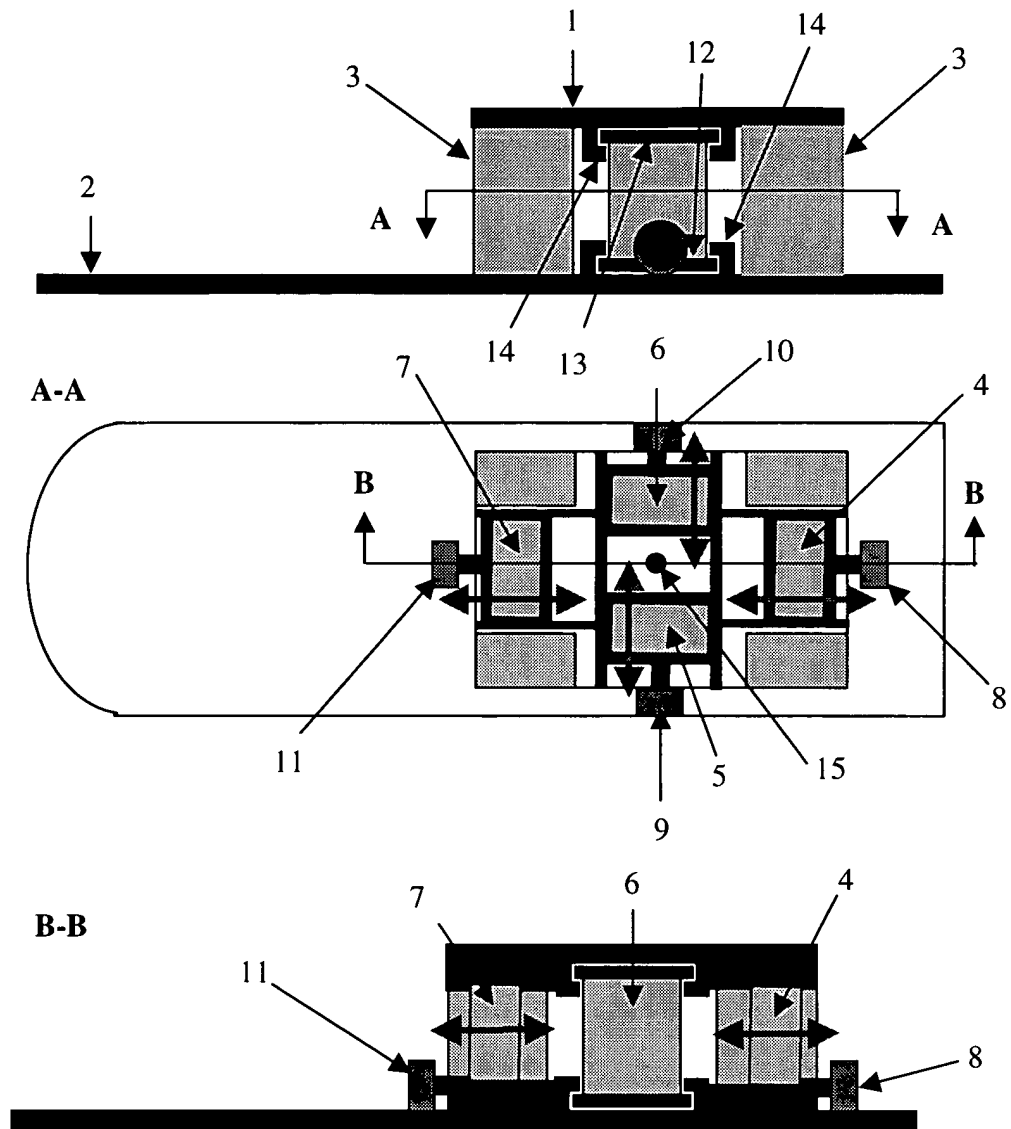
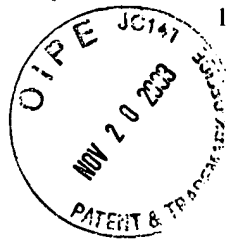
External, Bi-articular Transfemoral Prosthesis in Heel-Strike to Toe-Off Walking Sequence

Figure 8



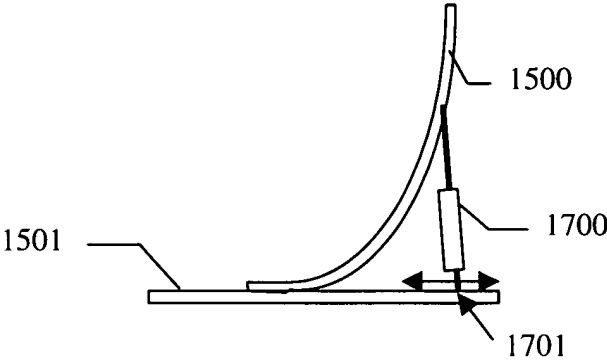
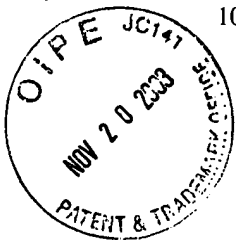
Variable Spring-Rate Joint

Figure 9



Low-Profile Prosthetic Foot

Figure 10



Example Prosthetic Ankle/Foot

Figure 11

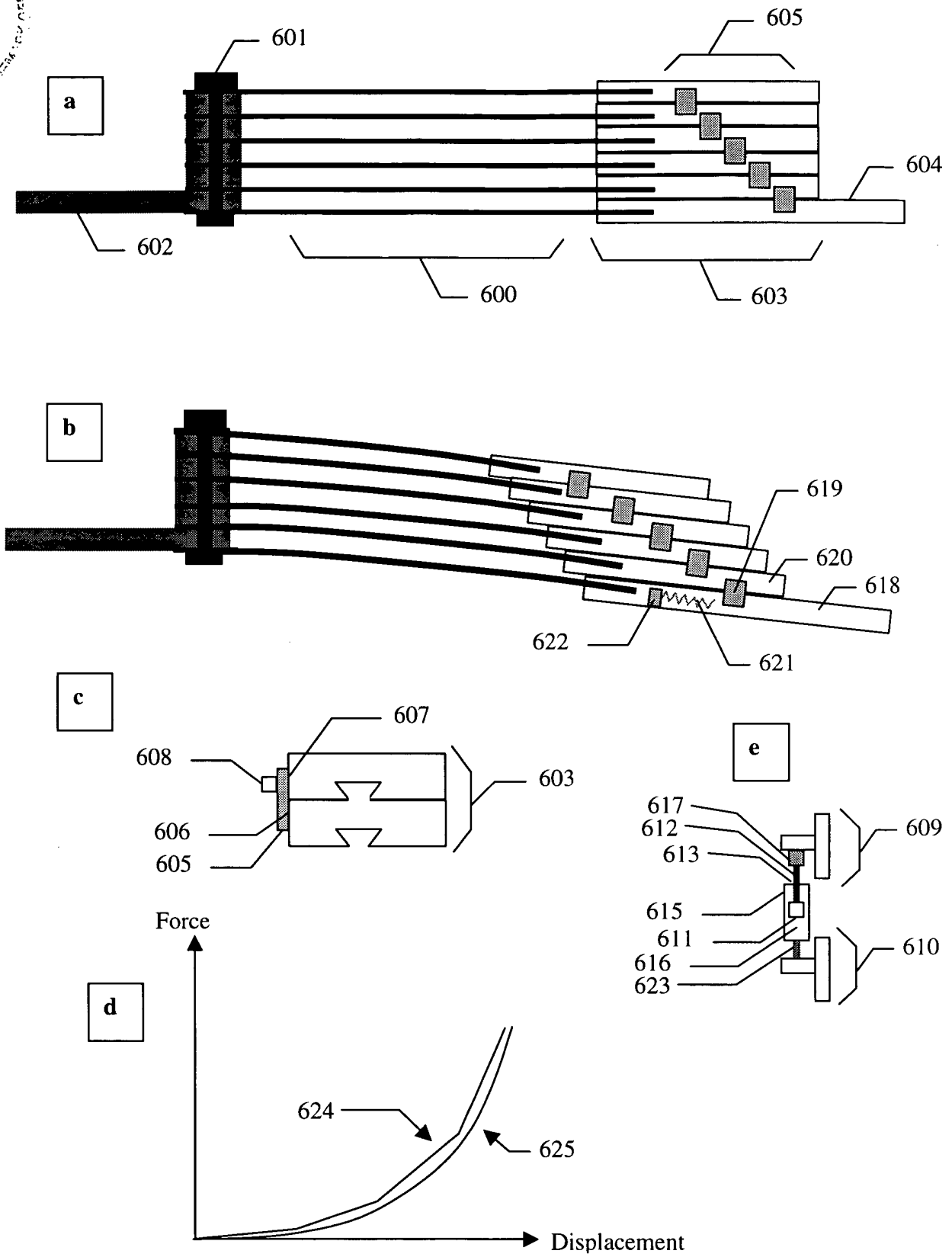
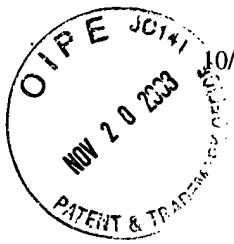
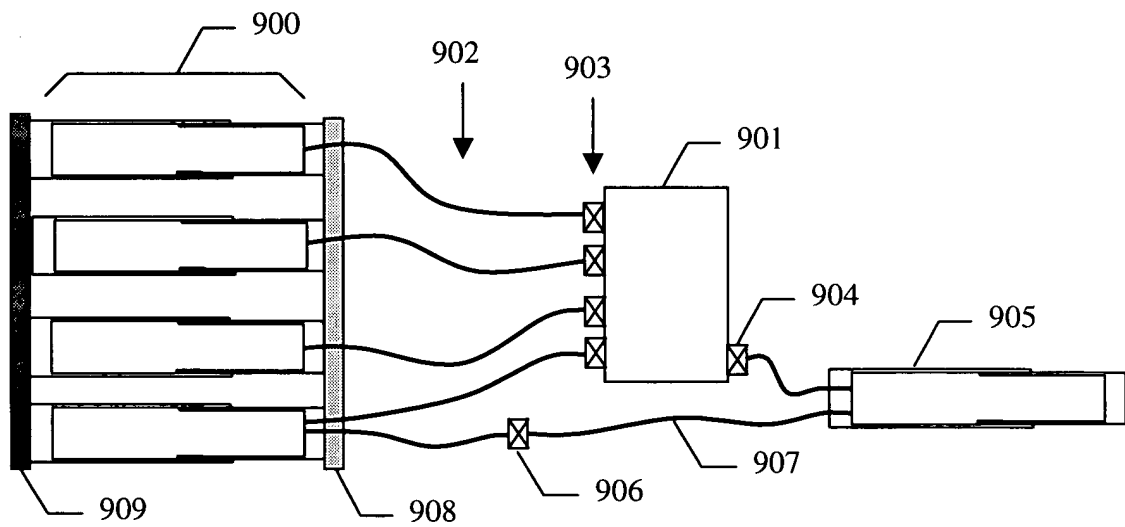
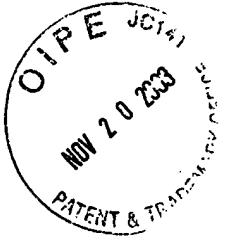
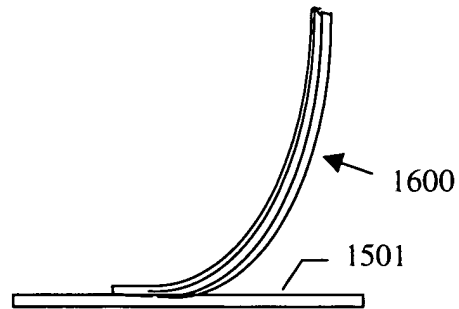
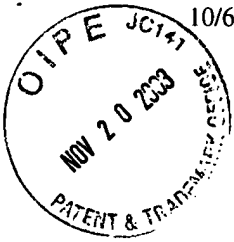


Figure 12



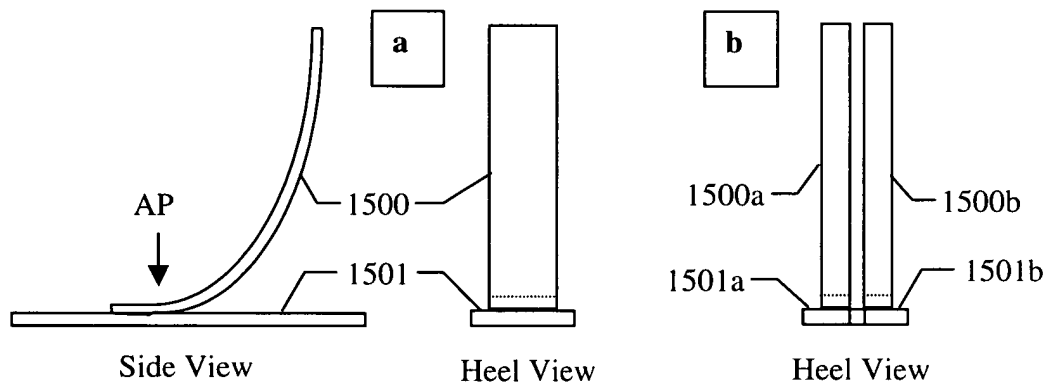
Variable-Spring-Rate Multiple-Pneumatic-Chamber and Energy Transfer System.

Figure 13



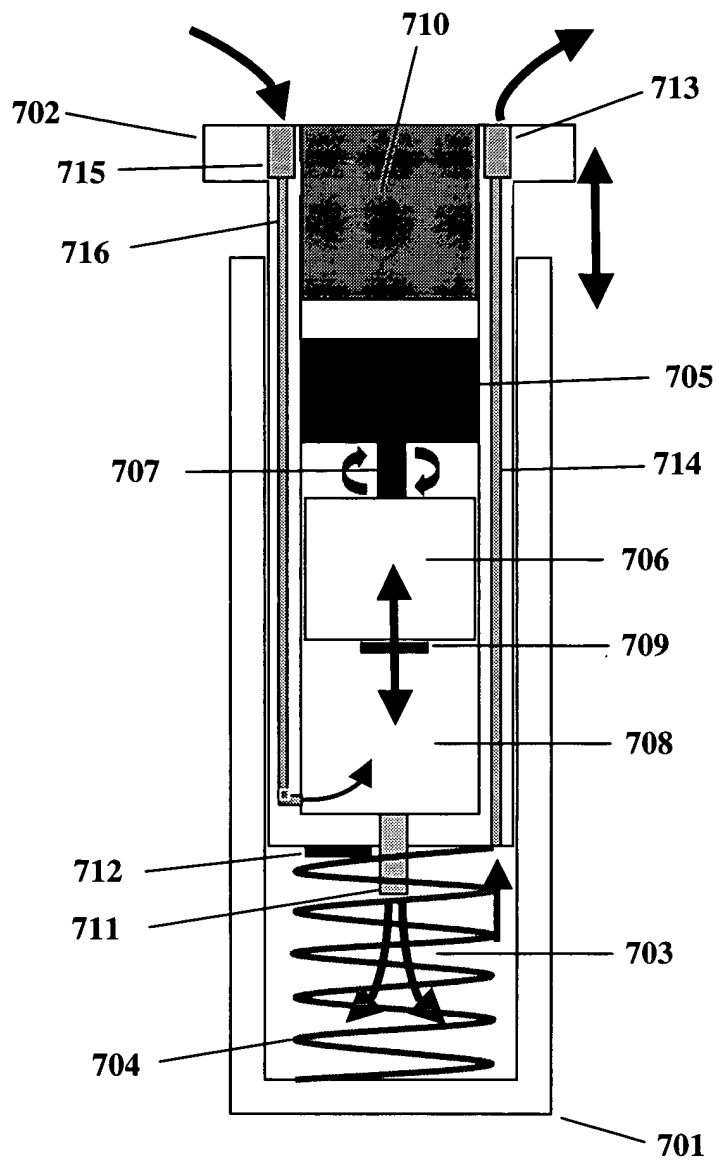
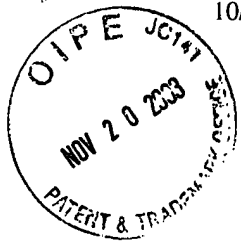
Prosthetic Ankle-Foot

Figure 14



Prior-Art Prosthetic Ankle-Foot

Figure 15



Variable Stiffness Spring for an External Prosthesis

Figure 16